

# SYRINGE EXCHANGE PROGRAMS

Syringe exchange programs provide a way for those IDUs who continue to inject to safely dispose of used syringes and to obtain sterile syringes at no cost.

I spection drug use is landed to almost cone-third of al AIDSC cores and onehabit of al AIDSC cores and onehabit of hepatitis C cores, lajection drugusers (IDUs) become infected and transmit
the viruses to others through sharing contaminated syrings and other drug lajection
equipment and through high-risk sexual
behaviors. Women who become infected with
HIV through sharing needles or having sox
with an inferted IDU can also transmit the
virus to their balists before or during birth
or through the candidation.

To second in effectably reducing the transmission of 18V and other blood beam sensitives of 18V and other blood beam sensitives of 18V and other blood beam beambers appeared in working with DIA. Such as appeared interoperate arrange of pragunite arranges into address both only one of the proposed and the proposed arrange of the proposed and the proposed of the pro

## What Are Syringe Exchange Programs?

It is estimated that an individual IDU injects about 1,000 times a year. Firm in a moderate-size city, this adds up to millions of injections, creating an exercoson seed for relable sources of strettle systages. Springe eachange programs provide a way for those IDUs who continue to inject to safely dispose of used systages and to obtain strets systages at no cut. (See the related fast sheets "Systrage Disposal" and "Pharmacy Salse of Swittle Vertines").

The first organized SEPs in the U.S. were established in the late 1980s in Tacoma. Wishingtor, Portland. Oregoe; San Francisco; and New York City, By 1997, there were 113 programs in more than 30 states, the District of Columbia, and Puerto Rico, which exchanged more than 17 million sortages.

In addition to exhanging syringes, many SEPs proxide a range of related prevention and care services that are vital to helping IDUs reduce their risks of acquiring and transmitting blood-borne viruses as well as maintain and improve their overall health. These services may include:

- HIV/AIDS education and counseling
   condom distribution to prevent sexual transmission of HIV and other sexually
- referrals to substance abuse treatment and
   other medical and social services.
- distribution of alcohol swabs to help prevent abscesses and other bacterial infections;
   on-site HIV testing and courseling and
- crisis intervention;
   screening for tuberculosis (TB), hepatitis B, hepatitis C, and other infections; and
- primary medical services.

  SEP's operate in a variety of settings, includ-

ing storefinets, vans, stównik tables, health chitex, and places where IDUs gather. They vary in their hours of operation, with some open for 2-hour street-based sessions several times a usek, and others open continuously. They also vary in the number of syringes allowed for exchange. Many also conduct outwark efforts in the neighborhoods where IDUs hear?

## What is the Public Health Impact of SFPs2

of SEPs.

SEPs have been shown to be an effective way to link some hard-to-rock DIUs with proporting public behaviors, trackeding. The and STD treatment. Through the SEPs can help DIUs tentement. Through the SEPs can help DIUs stop using drugs. "Studies also show that SEPs foot not encourage drug use among SEP participants or the recruitment of refer studies and the service studies and the SEPs proposed to the SEPs and the SEPs proposed to the SEPs proposed to the SEPs proposed DIUs with an opportunity to use stretle prings at 18 was then been SEPs procked IDUs with an opportunity to use stretle prings at 18 was been SEPs.

The results of this research, and the clear dangers of syvinge sharing, led the National Institutes of Health Consensus Panel on HIIV Prevention to declare that: "An impressive body of evidence suspensis."

powerful effects from needle exhange programs...Can the opposition to needle exchange programs in the United States be justified on scientific grounds? Our aroser is a simple and emphatic no. Studies show reduction in risk behavior as high as 80%, with estimates of a 30% or greater reduction of LHIV/as III/a.

Economic studies have concluded that SEPs are also cost effective. At an areasy cost of \$0.97 per syringe distributed, SEPs can save money in all IDU populations where the annual HIV serionidence exceeds 2.1 per 100 person years. "The cost per HIV infection prevented by SEPs has been calculated at \$4,000 to \$12,000, considerably less than the estimated \$190,000 medical costs of treating a preson infected with HIV."



#### What are the Challenges for SEPs? What Can Be Done to Support SEPs face a variety of challenges to their **Access to Sterile Syringes** through SEPs?

operation. One of the most substantial is coverage. For example, Montreal - a city that has active and well-supported SEPs, allows sales of syringes without prescription, and encourages pharmacy sales - was able to meet less than 5 percent of the need for sterile syringes in 1994.10 Of the 100 SEPs participating in a 1997 survey, the 10 largest exchanged over half of the 17.5 million syringes exchanged. Most of the remaining SEPs exchanged much smaller numbers (the 24 smallest volume SEPs exchanged fewer than 10,000 syringes each).3

SEPs also face significant legal and regulatory restrictions. For example, 47 states have drust paraphernalia laws that establish criminal penalties for the distribution and possession of syringes. Eight states and one territory have laws that prohibit dispensing or possessing syringes without a valid medical prescription. (See the related fact sheet "Policy Efforts to Increase IDUs' Access to Sterile Syringes.") Congress has also prohibited the use of federal funds for SEPs. The 1997 survey concluded that only 52 SEPs operating in 1997 are technically legal. Stateen were classified as "illeval-tolerated," and 32 as "filegal-underground."3 Public health authorities in communities have employed a number of strategies to ensure the legal

Local community opposition also can be a barrier to establishing a SEP Residents voice concerns that the programs will encourage drug use and drug traffic and increase the number of used discarded syringes in their natabbooksoule. Studies hown found no. evidence of increases in discarded stringes around SEPs."

provision of SEP services, including declaring

public health emergencies."

Finally, some IDUs avoid SEPs because they fear that using a neogram that serves IDUs will identify them as IDUs. For others, the fear of arrest, fines, and possible incarceration if caught carrying syrings to or from the SEP is a potent deterrent."

. Supporting community-based discussions of

Possible activities include:

the role that SEPs can play in comprehensive HIV and viral hepatitis prevention and care programs, in particular in getting SEP users into substance abuse treatment programs.

· Educating policy makers about the facts of injection-related transmission of bloodborne pathogens and the public health benefits of providing access to sterile syringes as part of a comprehensive public health approach.

· Encouraging collaborative review of the 1998:113(Suppl 1):75-80. public health impact of repealing drug paraphernalia laws that penaltre the possession or carrying of syringes.

## For More Information Get Prevention Blood-Incore Infections in Injection

Drust User: A Camprehenite Assessch which provides extensive background information on HIV and viral hepatitis infection in IDUs and on the lenal, social, and policy environment. It also describes strategies and principles for addressing these issues. Hard copies of this document and the fact sheets mentioned 8. Lurie P. Gorsky R. Jones TS. Shownbe L. An economic analysis of needle exchange and pharmacy-Disease Control and Prevention's (CDC) website at www.cdc.sov/bis/projects/idu-ta or from www.healthstratesies.ons/Publications/

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